

**United States Air Force  
Institute for National Security Studies**



***INSS REPORT 03-1***  
**ANNUAL REPORT: FY 2002**

**1 April 2003**



DEPARTMENT OF THE AIR FORCE  
USAF INSTITUTE FOR NATIONAL SECURITY STUDIES  
USAF ACADEMY, COLORADO



MEMORANDUM FOR ALL INSS SUPPORTERS

FROM: INSS

SUBJECT: FY 2002 Annual Report

1. This is the annual update on the Institute for National Security Studies; it outlines the accomplishments of INSS during FY 2002. As the Institute Director, I am pleased to report INSS has enjoyed a continuing high level of support during the past year. We have broadened and diversified our sponsor base while maintaining stable funding from our primary sponsor, the Policy Division of the Nuclear and Counterproliferation Directorate on the Air Staff (HQ USAF/XONP). It is extremely gratifying to see the strong and growing interest in the low-cost but high-quality research pioneered by this institute.
2. From its inception, INSS has offered several advantages to our sponsors: providing maximum return for scarce research dollars; injecting fresh thinking into the Washington planning process; tapping the skills and knowledge within the military academic community; creating a pool of topical and regional experts; providing a means for educating the Air Force on these issues; and acting as a networking locus to bring together people and ideas. The benefits INSS brings to the research organizations and individuals conducting our research are equally important. INSS research grants enhance an officer's professional development, providing him or her with direct access to real-world issues of importance to the Department of Defense. Moreover, it provides sorely needed research funding to schools and institutes, and gives the individual researchers professional contacts, the potential for publication, and the opportunity for short-term temporary duty tours and follow-on assignments.
3. The primary responsibilities of the INSS staff are to manage the annual research cycle (presented below) and to provide stewardship of the resources provided by our sponsors. In addition, the staff creates and maintains strategic partnerships with other schools and research centers; supports the Air Force Academy's education and research programs; and conducts in-house research. INSS research projects typically focus on medium-term issues that are on a one-to-two year planning horizon—issues that are just emerging on an action officer's radar screen, but are not yet burning a hole in his or her in-basket.
4. During FY 2002 INSS continued to strengthen its efforts in a number of areas. The increased operational tempo meant a slight reduction in the number of INSS researchers; however, we took pains to ensure the continued quality of the INSS product. The high quality we seek was evident in two books that were produced under INSS sponsorship. Jeffrey A. Larsen, former INSS director, edited the book *Arms Control: Cooperative Security in a Changing Environment* (Lynne Rienner, 2002) for which INSS hosted an authors' workshop and a book conference. Also, the INSS produced book *Milestones in Strategic Arms Control, 1945-2000: United States Air Force Roles and Outcomes* (edited by James M. Smith and Gwendolyn M. Hall) was published by Air University Press in September 2002. INSS also published five Occasional Papers during FY 2002, and three INSS products were showcased in the *Aerospace Power/Air and Space Power Journal*. We also hosted a delayed and abbreviated FY 2001 Research Results Conference in Washington DC before returning the conference for FY 2002 to Colorado Springs. Significantly, INSS hosted a Ten-Year Retrospective Workshop in the spring of 2002 to revalidate and reinvigorate the Institute as it begins its second decade of service. Finally, we continued to host thought-provoking workshops and conferences, notably a Biodefense

Workshop in Washington to help set the stage for the HQ/USAF Biodefense Task Force initiation, and a conference “‘Deterrence and Defense’ in the Early Twenty-First Century” that began the examination of these core national security concepts within a changed and changing environment. Within the USAFA curriculum, INSS helped revise and teach the course United States Foreign and National Security Policy in Political Science, and we developed and taught a new course Developing the Military Strategist in Military Strategic Studies. Finally, INSS continued its practice of hosting strategic panels at major national academic events to cement a bridge into civilian academe and inspire attention in this broader community to strategic topics. We hosted a panel “The Future of Arms Control” at the joint meeting of the International Security Studies Section (International Studies Association) and the National Security and Arms Control Section (American Political Science Association) in Richmond, VA. We also hosted two panels, “Deterrence and Defense Today: Regional Dynamics,” and “Failing States and Non-State Actors” at the annual meeting of the International Studies Association in Portland, OR.

5. Of course, many organizations and individuals deserve the credit for the success of INSS thus far. The Policy Division of the Nuclear and Counterproliferation Directorate on the Air Staff (HQ USAF/XONP) is our primary sponsor and greatest supporter. They came up with the idea for INSS, provided start-up money, and have supplied the largest portion of INSS’ funding every year. Other sponsor organizations have since joined the research effort by providing funds and research ideas: the Intelligence, Surveillance, and Reconnaissance Directorate on the Air Staff (HQ USAF/XOI) and the 23rd and 39th Information Operations Squadrons; the Defense Threat Reduction Agency Arms Control Technology Office; the Army Environmental Policy Institute; the Secretary of Defense’s Office of Net Assessment; and the Air Staff Long-Range Plans Division. Another sponsoring agency is US SPACECOM/J-5. The Air Staff’s Strategy and Policy Division of the Strategic Planning Directorate (HQ USAF/XPXS) and Air University have provided us with a National Defense Fellow/Air Force Fellow each year since 1994. Our support from the USAF Academy has been equally strong through the Dean of the Faculty and the Director of Education. We have also benefited from the expertise of the Graphic Arts Division, the Dean’s and Academy finance offices; the Defense Printing Plants; the Academy Public Affairs and Protocol offices; and the Fairchild Hall building manager and associated service agencies. The Directorate of Education (DFE) has given us an organizational home and outstanding administrative support.

6. Finally, and most importantly, I must thank the superb staff at INSS during the past year: my Deputy Director, Lt Col Hal Bidlack; our Fellows, Lt Cols Brad Spacy and Mark McAlpine; and our Budget Assistant who holds everything together, Ms. Diana Heerdt. Offsite assistance was provided by Ms. Leslie Lipps and the contract support team from Science Applications International Corporation in McLean, VA. The insight and hard work of all these individuals make the results from INSS possible. We believe that INSS has filled a need and contributed to the debate over America’s national security strategy. The INSS staff remains committed to providing superior, cost-effective products in keeping with our mission: *to promote national security research for the Department of Defense within the military academic community, to foster the development of strategic perspective within the United States Armed Forces, and to support national security discourse through outreach and education.*

JAMES M. SMITH, PhD  
Director

## **INSS ANNUAL REPORT: FY 2002**

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This report details the efforts and accomplishments for the USAF Institute for National Security Studies (INSS). All projects and conferences sponsored for FY1998 through FY 2002 are listed by category and fiscal year. All Department of Defense (DOD) members and other interested parties are encouraged to request copies of our publications and papers. Some of our projects are limited to DOD members only due to classification concerns. Detailed ordering information is on page 18.



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### INSS 1998-2003 Research Projects and Conferences

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## INSS RESEARCH RULES AND PROCEDURES

1. Individuals from the following groups are eligible to perform INSS research:
  - Active-duty, guard, and reserve military members
  - Civilian students, staff, and faculty members at military schools (all military academies, intermediate and senior service schools, and military degree-granting institutions). Any and all cadet proposals must be overseen by a faculty member. Civilian contract instructors may not be eligible for funding.
2. INSS funding is designed to enable our researchers to conduct *primary* research on their topic. Most INSS' funding goes to travel expenses and related costs (e.g., per diem, airline tickets, conference registrations, rental cars, etc.). Generally, this is reimbursable funding, using our fund cite for orders. INSS does not give out unrestricted block grants.
3. As a rule, INSS does **NOT** fund:
  - Civilians (unless as listed above; this includes retired military)
  - Salaries (or other mechanisms to pay for the researcher's time)
  - Conference attendance or presentations (unless to conduct primary research)
  - Honoraria
  - Office-related costs (e.g., copying, secretary, typing, small supplies, and overtime)
  - Computer hardware or software purchases
  - Capital equipment costs
4. We prefer to buy necessary books for researchers' use with the INSS IMPAC card, so that the books can be added to the Institute library at the end of that research project. This is especially true for local USAFA researchers.
5. INSS uses fiscal year money that must be obligated by 15 August and spent by 30 September each year.
6. INSS provides supplemental funding to worthy academic conferences for speakers' travel costs and other conference-related expenses.



## RESEARCH PROPOSAL FORMAT

Researchers interested in a particular topic contained in our annual research program guide should submit a 2-3 page proposal to INSS using the following format. Proposals to do research that are not listed in the research program guide will also be considered. Submission deadlines are listed in the research program guide and on our website. Submit proposals in the following format:

MEMORANDUM FOR INSS

Date

FROM: (Name, address, email address, phone & fax numbers of principal researcher)

SUBJECT: Proposal: (Title of research proposal)

1. Project Summary:

- a. Abstract number and priority tier as listed in research program guide
- b. Project's significance
- c. Research objectives
- d. Methods to be employed
- e. Publication plans

2. Researcher Qualifications: One paragraph on the personal qualifications of each researcher including academic background and research history.

3. Prior Results: List any previous research grants and a summary of completed work. Also, provide any background information that will help the selection committee better understand the proposal.

4. Educational Benefit: Explain any student participation in the project, within or outside the classroom. State if and how the project will directly benefit students at your school or elsewhere.

5. Budget: This section should be as detailed as possible and **must** include the following:

- a. *Travel*: Purpose, location, length of stay, and estimated cost (per diem and government travel rates from the Joint Travel Regulation) of each trip, including conference attendance.
- b. *Other*: Include any other anticipated expenses.

Remember: INSS primarily funds reimbursable travel expenses. We do not normally fund costs of supplies, equipment, computers, or administrative support—we expect your parent organization to support you. We do not fund salaries or provide block grants. Provide detailed rationale if requesting any of these.

## ANNUAL RESEARCH CYCLE





## INSS STAFF

### **Dr. James M. Smith, Director**

*Dr. Smith took over as Director in July 1998. He is a 1970 USAFA graduate who came back to the faculty as a "civilian" following his retirement from active-duty. He holds a MS from the University of Southern California and a Doctorate in Public Administration (Public Policy) from the University of Alabama. His USAF career included duty as a C-130 pilot, a non-flying tour in Special Operations, directorship of the National Security Policy curriculum at the Air Command and Staff College, and an exchange faculty tour teaching political science at West Point, during which he also served for three years as USMA's Associate Dean for Academic Research. Dr. Smith holds the academic rank of Professor of Military Strategic Studies at USAFA, and he also teaches adjunct for the Department of Political Science. He is the author of several journal articles, book chapters, monographs, and two INSS occasional papers. He is also an editor and contributor to five INSS books, most recently (with Gwendolyn M. Hall) Milestones in Strategic Arms Control 1945-2000: United States Air Force Roles and Outcomes (AU Press, 2002).*

### **Lt Col Hal Bidlack, Deputy Director**

*Lt Colonel Bidlack has over 21 years of active duty. He earned his Bachelors, Masters, and Doctoral degrees from the University of Michigan, where he studied environmental security issues related to broader national security concerns. He wrote his dissertation on the opportunities and challenges facing the US military in dealing with ecological concerns. His first military posting was as an ICBM launch control officer in Wyoming. While in missiles, he was twice named to the competition team for OLYMPIC ARENA, and served in the instructor shop as both a deputy and commander. Colonel Bidlack's career has included two faculty tours at the Academy, and a tour at the State Department in Washington. While at the Academy, he spent two summers working at the White House as Director of Global Environmental Affairs for the National Security Council, as well as one summer working at the Pentagon in the office of START policy. He also served as Executive Officer to the Dean.*

### **Lt Col Mark S. McAlpine, National Defense Fellow**

*Prior to the start of his National Defense Fellowship, Lt Col McAlpine was Commander, 13th Intelligence Squadron, Beale Air Force Base, CA. Previously he served as Executive Officer in the Intelligence Directorate (J2), U.S. Joint Force Command, Norfolk, VA. Colonel McAlpine has served in a variety of positions and responsibilities from unit to national level and has a broad background in the Intelligence career field. He holds a graduate degree in national security affairs with a concentration in Middle East studies and an undergraduate degree in political science. He is a distinguished graduate of the U.S. Air Force Air Intelligence Officer Course, Air Force Officer Training School, and the U.S. Air Force Command and Staff College (Wright Brothers Officership Award). He is also a graduate of the Armed Force Staff College and holds a Joint Specialty Officer designation.*

### **Mrs Diana Heerdt, Budget Technician and Administrative Assistant**

*A career civil servant, Ms Heerdt moved to the Institute in March 1995 from the Academy's audio-visual division. Previously, she was assigned to Mountain Home AFB, ID from 1988-1991, and Tinker AFB, OK from 1985-1988.*



## INSS CONFERENCES

### Description

INSS runs three annual conferences in Washington and Colorado Springs. The season begins with the spring **topic development workshop**, a two-day brainstorming session attended by approximately 40-50 of the brightest minds in the Washington policymaking arena. The purpose of the research abstract development conference is to create the research program that will guide INSS during the coming year.

In the summer we typically hold a **topical conference** on an issue of interest to one of our sponsor organizations. The location of this conference varies.

The annual **research results conference**, usually held in the fall at the USAF Academy, is the opportunity for our best researchers to present their findings before a select audience of representatives of our sponsor organizations, research centers, military schools, and other interested agencies.

In addition to these three annual conferences, INSS also co-sponsors a number of conferences and workshops each year.

### List of Recent Conferences

#### *Fiscal Year 2000*

- INSS Seventh Annual Research Results Conference, USAF Academy, CO, 9-10 November 1999
- International Security Studies Section of the International Studies Association Annual Meeting, Washington DC, 12-13 November 1999
- Post Taiwan Election-Northeast Asian Security, U.S. Military Academy, April 2000
- Revising the ABM Treaty: Seeking Strategic Stability in a World of Nuclear Danger, Book Conference, Washington DC, May 2000
- Projections 2001 Topic Development Workshop, Washington, DC 2-3 May 2000
- Competitive Strategies and North Korea Workshops, Washington DC, 14-16 June 2000 and U.S. Army War College, 12-14 July 2000

#### *Fiscal Year 2001*

- International Security Studies Section of the International Studies Association Annual Meeting, Denver, Colorado, 9-11 November 2000
- INSS Eighth Annual Research Results Conference 13, USAF Academy, CO, 13-14 November 2000
- Northeast Asia Security Conference, U.S. Military Academy, March 2001
- Fissile and Chemical Workshop, USAF Academy, CO, 2 March 2001
- Projections FY2002 Topics, Washington, DC, 1-2 May 2001
- Reassessing US-Russian Strategies Against Strategic Weapons Proliferation, Washington, DC, 18-20 June 2001 and 23-25 July 2001
- Milestones in USAF Arms Control Conference, Washington, DC, July 2001
- Second Edition Arms Control Book Authors Conference, Washington, DC, July 2001

#### *Fiscal Year 2002*

- INSS Ninth Annual Research Results Conference, Washington, DC, 6 March 2002
- Northeast Asia: Cross Strait Issues, U.S. Military Academy, April 2002

- Balance of Power Revisited: Theory and Practice in the 21st Century, Spring 2002
- FY03 Topic Development Workshop, Washington, DC, 30 April - 1 May 2002
- INSS 10 year Retrospective, Washington, DC, 1 May 2002
- "Deterrence" in the Early Twenty-First Century, Washington, DC, 24-25 June 2002

#### ***Fiscal Year 2003***

- 10<sup>th</sup> Annual Research Results Conference, USAF Academy, CO, 20-21 November 2002
- Cyberwarfare, Boston, MA, 21 January 2003
- The Moscow Treaty and Beyond: United States-Russia Arms Control and Strategic Relations, 7 April 2003
- FY04 Projections Workshop, Washington, DC, 8-9 April 2003
- Getting MAD: Nuclear Mutual Assured Destruction, Its Origin and Practice, Washington, DC, Summer 2003
- China's Nuclear Future, Washington, DC, Summer 2003

## **INSS PUBLICATIONS**

### **Recent Occasional Papers**

29. *Overcoming Uncertainty: U.S.-China Strategic Relations in the 21<sup>st</sup> Century*, Walter Neal Anderson, October 1999
30. *The Viability of U.S. Anti-Satellite (ASAT) Policy: Moving Toward Space Control*, Dr. Joan Johnson-Freese, January 2000
31. *Indo-Russian Military and Nuclear Cooperation: Implications for U.S. Security Concerns*, Jerome M. Conley, February 2000.
32. *Cyberterrorism and Computer Crimes: Issues Surrounding the Establishment of an International Legal Regime*, Richard W. Aldrich, April 2000.
33. *Sharing the Knowledge: Government-Private Sector Partnerships to Enhance Information Security*, Steven M. Rinaldi, May 2000.
34. *Prospects for a Conventional Arms Reduction Treaty and Confidence-building Measures in Northeast Asia*, Bonnie D. Jenkins, August 2000
35. *Water: The Hydraulic Parameter of Conflict in the Middle East and North Asia*, Stephen D. Kiser, September 2000
36. *This Arms Control Dog Won't Hunt: The Proposed Fissile Material Cut-Off Treaty at the Conference on Disarmament*, Guy B. Roberts, January 2001
37. *The Rollback of South Africa's Biological Warfare Program*, Stephen Burgess and Helen Purkitt, February 2001
38. *Constraints, Restraints, and The Role of Aerospace Power in the 21st Century*, Jeffrey K. Beene, April 2001
39. *Aerospace Power in Urban Warfare: Beware the Hornet's Nest*, Peter C. Hunt, May 2001
40. *US Policy Towards Secession in the Balkans and Effectiveness of De Facto Partition*, Evelyn N. Farkas, and *Improving US-Russian Relations Through Peacekeeping Operations*, Beth L. Makros and Jeremy C. Saunders, June 2001

41. *The Common European Security and Defense Policy (ESDP)*, Edward G. Gunning, Jr., July 2001
42. *United States Military Space: Into the Twenty-First Century*, Peter L. Hays, 2002 (Air University Press)
43. *Lords of the Silk Route: Violent Non-State Actors in Central Asia*, Troy S. Thomas and Stephen D. Kiser, May 2002
44. *All Our Tomorrows: A Long-Range Forecast of Global Trends Affecting Arms Control Technology*, James M. Smith and Jeffrey A. Larsen, June 2002
45. "Squaring the Circle": *Cooperative Security and Military Operations*, Jeffrey D. McCausland, July 2002-08-13
46. *Tactical Nuclear Weapons: Debunking the Mythology*, John T. Cappello, Gwendolyn M. Hall, and Stephen P. Lambert, August 2002
47. *Northeast Asia Regional Security and the United States Military: Context, Presence, and Roles*, Susan F. Bryant, Russell D. Howard, Jay M. Parker, and Albert S. Willner, November 2002
48. *View from the East: Arab Perceptions of United States Presence and Policy*, Brent J. Talbot and Michael B. Meyer, February 2003
49. *Arms Control Without Arms Control: The Failure of the Biological Weapons Convention Protocol and a New Paradigm for Fighting the Threat of Biological Weapons*, Guy B. Roberts, March 2003

#### **Recent Books**

- *Arms Control in the Asia-Pacific Region*. Jeffrey A. Larsen and Thomas D. Miller, editors. USAFA, CO: INSS, 1999.
- *Spacepower for a New Millennium: Space and U.S. National Security*. Peter L. Hays, James M. Smith, Alan R. Van Tassel and Guy M. Walsh, editors. New York: McGraw Hill, 2000.
- *Searching for National Security in an NBC World*. James M. Smith, editor. USAFA, CO: INSS, July 2000.
- *Twenty-First Century Terrorism and US National Security*. James M. Smith and William C. Thomas, editors. USAFA, CO: INSS, March 2001.
- *Nuclear Deterrence and Defense: Strategic Considerations*. James M. Smith, editor. USAFA, CO: INSS, February 2001.
- *The Terrorism Threat and U.S. Government Response: Operational and Organizational Factors*. James M. Smith and William C. Thomas, editors. USAFA, CO: INSS, March 2001.
- *Controlling Non-Strategic Nuclear Weapons: Obstacles and Opportunities*, Jeffrey A. Larsen and Kurt J. Klingenberger, editors. USAFA, CO: INSS, July 2001.
- *Arms Control: Cooperative Security in a Changing Environment*. Jeffrey A. Larsen, editor. Boulder, CO: Lynne Rienner Publishers, 2002.
- *Milestones in Strategic Arms Control 1945-2000: United States Air Force Roles and Outcomes*. James M. Smith and Gwendolyn M. Hall, editors. Maxwell AFB, AL: Air University Press, 2002.



## Recent Reports

- "1999 Research Results Conference," sponsored by INSS and AF/XONP, US Air Force Academy, CO, 9-10 November 1999.
- "INSS Fiscal Year 2001 Research Program Guide," July 2000.
- "2000 Research Results Conference," sponsored by INSS and AF/XONP, US Air Force Academy, 13-14 November 2000.
- "Fissile and Chemical Workshop," March 2001.
- "Milestones in USAF Arms Control," July 2001.
- "INSS Fiscal Year 2002 Research Program Guide," July 2001.
- "Fiscal Year 2003 Research Program Guide," June 2002
- "Deterrence and Defense" in the Early Twenty-First Century, June 2002
- The Best of INSS: A Ten Year Retrospective 1992-2002, October 2002
- INSS 10<sup>th</sup> Annual Research Results Conference, November 2002

## Selected Researcher Publications

- Colin S. Gray and John B. Sheldon, "Spacepower and the Revolution in Military Affairs: A Glass Half Full?" *Airpower Journal*, Fall 1999.
- James M. Smith, "War Powers, Peace Powers: Presidential Prerogative and Military Operations Other Than War," *National Security Studies Quarterly*, Summer 2000.
- Chip Thompson, "F-16 UCAVs: A Bridge to Future Combat," *Aerospace Power Journal*, Spring 2000.
- Brent J. Talbot and Jeffrey Hicks, "Led by a Lion: The US Role in Preserving Gulf Security," *Aerospace Power Journal*, Fall 2000.
- James M. Smith, "Expeditionary Leaders, CINCs, and Chairmen: Shaping Air Force Officers for Leadership Roles in the 21st Century," *Aerospace Power Journal*, Winter 2000.
- John Cappello, Gwendolyn Hall, and Stephen Lambert, "Triad 2025: The Evolution of a New Strategic Force Posture," *National Security Studies Quarterly*, Spring 2001.
- Mick Quintrall, "Organizing to Fight from Orbital Space," *National Security Studies Quarterly*, Spring 2001.
- James M. Smith, Daniel J. Kaufman, Robert H. Dorff, and Linda P. Brady, *Educating International Security Practitioners: Preparing to Face the Demands of the 21st Century International Security Environment* (US Army War College Strategic Studies Institute, July 2001).
- Charles A. Krupnick, *Decommissioned Russian Submarines and International Cooperation* (McFarland and Company, Inc, 2001).
- Gregory J. Rattray, *Strategic Information Warfare: Challenges for the United States* (Boston: MIT Press, 2001).

- Troy Thomas, “Slumlords: Aerospace Power in Urban Fights,” *Aerospace Power Journal*, Spring 2002.
- Bradley Spacy and Michael Trapp, “Train Like We Fight; Fight Like We Train: Establishing the Aerospace Expeditionary Force Training Center (AEFTC),” *Aerospace Power Journal*, Fall 2002.
- James M. Smith and Douglas J. Murray, “Valuing Air Force Education and Training: Faculty Duty and Leader Development,” *Aerospace Power Journal*, Winter 2002.

## **REQUESTING INSS PUBLICATIONS**

All INSS products are available, at no cost, to any interested party. All INSS Occasional Papers and most research reports are now available on our website on the World Wide Web. Department of Defense members can request any of our products regardless of public release status. Other interested parties can only request products that have been cleared for public release. Report titles followed by a [R], are available for public release.

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When requesting papers, please include the author(s) full name, complete paper title, category, and fiscal year.

# **INSS**

## **FY 2000-2003**

### **RESEARCH PROJECTS and CONFERENCES**

*LISTED BY CATEGORY AND YEAR FUNDED*

(Affiliations are at time of research project; all military researchers are USAF unless otherwise noted)



## ARMS CONTROL AND STRATEGIC SECURITY

### RECENT PROJECTS

#### *Fiscal Year 2000*

- The Development and Execution of China's Policy Toward the U.S. Theater Missile Defense Initiative in East Asia [E, R]  
*Maj Paul Clarke, Defense Language Institute, and Maj Rusty Shughart, Defense Intelligence Agency*
- Confronting Scorpions: The Challenge for Nuclear Deterrence in a World of Strategic Multipolarity  
*Dr. Willie Curtis, U.S. Naval Academy*  
(Published in *Searching for National Security in an NBC World*, INSS, July 2000)
- The European Union and a Nuclear Common Foreign and Security Policy: Somewhere in the Realm of Fantasy? [E, R]  
*Capt Patrick Donley, and Dr. Charles Krupnick, USAFA*  
(Published in *Nuclear Deterrence and Defense*, INSS, February 2001)
- Implications of Ballistic Missile Defense for the Security and Stability of Northeast Asia [E, R]  
*MAJ Michael J. Finnegan, US Forces, Korea*  
(Published in *Nuclear Deterrence and Defense*, INSS, February 2001)
- Judicial Activism and US Treaty Obligations: Does the Court Get Involved? [E]  
*C2C Russell E. Grimes, USAFA*
- Arms Control Implications of Ballistic Missile Defenses in East Asia  
*CPT Paul Haenle, Harvard University*
- Triad 2025: The Evolution of a New Strategic Force Posture [E, R]  
*Lt Col Gwendolyn Hall, USAFA, Maj John Cappello, Ellsworth AFB, SD, and Capt Stephen Lambert, Travis AFB, CA*  
(Published in *Nuclear Deterrence and Defense*, INSS, February 2001)
- What are the Cumulative Effects of Multiple Arms Control Agreements on Operations?  
*COL Jeffrey D. McCausland, U.S. Army War College*
- This Arms Control Dog Won't Hunt: The Proposed Fissile Material Cut-off Treaty at the Conference on Disarmament [E, R]  
*Col (Ret) Guy Roberts, U.S. Department of the Navy Office of Council*  
(Published as INSS Occasional Paper #36, January 2001)
- The Death of Nuclear Deterrence [E]  
*Timothy Thomas, Foreign Military Studies Office, Ft. Leavenworth, KS*
- Focusing the Lens: A Framework for National Security Decision-Making With a Case Study of National Missile Defense [E, R]

*Lt Col Suzanne Vautrinot, LTC Foster Payne, and Lt Col Charles Lutes, JFK School of Government, Harvard University*

### ***Fiscal Year 2001***

- An Evaluation of the Effectiveness of a Deliberately Ambiguous Nuclear Deterrent Strategy Against Chemical and Biological Weapons [E,R]  
*Maj Greg Auld, Army Command and General Staff College*
- Balancing Strategic Defense and Offense Relationships in Light of Developing a National Missile Defense [E]  
*Lt Col Nicholas P. Berdeguez, USAFR*
- Tactical Nuclear Weapons: Is There Such a Thing?  
*Maj John Cappello, Ellsworth AFB, SD, Lt Col Gwendolyn Hall, USAFA, and Capt Stephen Lambert, Travis AFB, CA*  
(Published as INSS Occasional Paper #46, August 2002)  
(Published in *National Security Studies Quarterly*)
- Plugging the Dike: The Impact of the New Economy and Globalization on Technology Transfer [E]  
*Dr. Clayton K.S. Chun, U.S. Army War College*
- The Antipersonnel Landmines Convention and the Evolving Politics of Arms Control [E]  
*2Lt Seth Deam, J. F. Kennedy School of Government, Harvard University*
- Examine the Changing Nature of Deterrence (deferred to 2002)  
*Bonnie Jenkins, USNR*
- The Impact of Government Policy on Technology Transfer: An Aircraft Industry Case Study [E,R]  
*Maj David King, Kelly School of Business, Indiana University*
- Squaring the Circle — Cooperative Security and Military Operations[E]  
*COL Jeffrey D. McCausland, U.S. Army War College*  
(Published as INSS Occasional Paper #45, July 2002)
- Thinking About the Inevitable: Why Theater Nuclear Weapons Will be Used and How They Should be Employed for Limited Battlefield Nuclear War [E]  
*Lt Col Drew Miller, USAFR*
- The Chinese Joint Aerospace Campaign: Strategy, Doctrine, and Force Modernization [E]  
*Maj Mark Stokes, OASD/ISA, Asian & Pacific Affairs*

### ***Fiscal Year 2002***

- The Pakistan Army – Larger than Life [E]

*Dr. Jon Dorschner, US Military Academy*

- Foie Gras with Ketchup: Understanding Differences and Improving Military Cooperation with the French [E,R]  
*Lt Col S. K. Gibson, III, NDF, The RAND Corporation*
- The Role of US Nuclear Weapons in the 21st Century [E]  
*LTC (P) Gasper Gulotta, Air War College*
- The Challenge of Non-State Actors to Arms Control Regimes and Confidence-Building Measures in Southeast Asia [E]  
*LCDR Bonnie D. Jenkins, USNR*
- Terrorism, Who Cares? Japanese Perceptions and Approaches to the Threat of Terrorism [E]  
*C2C Jason S. Kramer, USAFA*
- Understand the Casualty Assertion: Implications and Applications [E]  
*LTC Richard Lacquement, Jr., Naval War College*
- Is the Sky Really Falling? Stability and the State of Nuclear Deterrence in a Post-ABM World [E]  
*Maj Stephen P. Lambert, Andrews AFB, MD*
- Assessing the Case for Migration  
*Lt Col David R. Larivee, NDF, University of Illinois*
- Dysfunctional Spillover: The Present and Future of Transatlantic Relations [E]  
*Maj Thomas Mowle, USAFA*
- Arms Control Without Arms Control: The Failure of the Biological Weapons Convention Protocol, and a New Paradigm for Fighting the Threat of Biological Weapons [E]  
*Guy B. Roberts, US Navy Office of Council, Strategic Systems Programs*

***Fiscal Year 2003 (Papers not available until November 2003)***

- India-Pakistan Arms Control  
*Dr. Stephen Burgess, Air War College, Maxwell AFB, AL*
- Security Threats in the Developing World: A Coercion and Warfighting Framework for Defeating Violent Non-State Actors  
*Maj William D. Casebeer, USAFA, and Maj Troy S. Thomas, Langley AFB, VA*
- Manipulating Our Adversary's Will: The Role of Judgment and Decision-making in Deterrence, Coercion, and War-fighting  
*Maj William D. Casebeer, USAFA, and Capt Richard J. Bailey, USAFA*



- Detering Non-State Actors from Employing Weapons of Mass Destruction Against the U.S. Homeland  
*Lt Col Daniel Ciechanowski, and Lt Col Timothy Zadalis, Harvard University*
- The New Strategic Triad: Political and Operational Implications of the New Weapons of War  
*Capt Giovanni Lynch, Albuquerque, NM*
- Modeling Security Threats in a Globalized Culture: A Rhetorically-Based Systems Model for Understanding and Detering Violent Non-State Actors  
*Capt Thomas Coakley, USAFA, and 2Lt Elizabeth Benn, Wright-Patterson AFB, OH*
- Conventional Arms Control in Asia  
*Dr. Jeffrey McCausland, US Naval Academy*
- Three Presidents and Asia  
*COL Jay Parker, US Military Academy*
- Whither Arms Control? The Future of Arms Control in the New World  
*Guy B. Roberts (Col, Ret), U.S. Department of the Navy Office of Council*
- Finding the Middle Ground: The Air Force, Space Weaponization, and Arms Control  
*Maj Brian Ruhm, ACSC, Maxwell AFB, AL*

## COUNTERPROLIFERATION, FORCE PROTECTION, AND HOMELAND DEFENSE

### RECENT PROJECTS

#### *Fiscal Year 2000*

- Improving Air Force Capabilities to Respond to the Use of Chemical/Biological Weapons Throughout the Spectrum of Operations [E]  
*Maj Richard M. Brubaker, Hickam AFB, HI*
- The Rollback of South Africa's Biological Warfare Program [E, R]  
*Dr. Stephen F. Burgess, Air War College, and Dr. Helen Purkitt, U.S. Naval Academy*  
(Published as INSS Occasional Paper #37, February 2001)
- The Legality of Preemptive Strikes Against an NBC-armed Adversary  
*MAJ James W. Herring, Jr., U.S. Military Academy*
- Shrimp or Barracuda: Contemplating a Unified and Nuclear Capable Korea [E, R]  
*COL Russ Howard and Capt Susan F. Bryant, U.S. Military Academy*  
(Published in *Nuclear Deterrence and Defense*, INSS, February 2001)
- Post-Cold War Nuclear Ethics: Moving from a Counterforce to a Countervalue Nuclear Strategy is Unnecessary, Therefore Unethical [E]  
*C2C Kima Megorden, USAFA*
- Responding to Saddam: U.S. Iraq Policy Since the Gulf War [E, R]  
*LT Daniel E. Murphy, Naval Postgraduate School*
- Hitting Us Where We Don't Expect It: Asymmetric Threats to U.S. National Security to the Year 2010 [E, R]  
*MAJ John Nagl, U.S. Military Academy*
- Likelihood of Attacks at Home and Abroad Using Combinations of Chemical, Biological, Radiological and Nuclear Agents  
*Dr. Julian Palmore, University of Illinois at Urbana-Champaign*
- What if It Happened Here? U.S. Response to a Biological Warfare Campaign Within the United States [E, R]  
*Lt Col Fabrizio Saraceni, Armed Services Blood Program Office*
- The Future of US and Japan Security Guarantees [E]  
*C2C Geoffrey M. Steeves, USAFA*

#### *Fiscal Year 2001*

- Responding to the Bioterrorism Threat: Military and Civilian Medical Readiness [E]  
*Lt Col Sven Berg, Vandenberg AFB, CA*
- Consolidation of a DoD Standing Task Force for Consequence Management [E]

*Maj Martin Braun, Air Command and Staff College*

- The Nuclearization of Iran: Motivations, Intentions, and America's Responses [E]  
*2Lt John Hanna, Ramstein AFB, Germany*
- Biological Terrorism: Implications for Aeromedical Evacuation Operations [E]  
*Lt Col Matthew Hanson, USAFR*
- Asymmetric Threats to US Security in the Year 2010 [E]  
*MAJ John Nagl, U.S. Army Command and General Staff College*  
(Published as chapter in *Arms Control: Cooperative Security in a Changing Environment*, 2002)

***Fiscal Year 2002***

- Violent Non-State Actors: Broad Biological Deterrence [E]  
*Capt William Casebeer, USAFA, and Maj Troy Thomas, USAFA*
- Suitability of Joint and Air Force Counterterrorism (CT) Doctrine [E]  
*Maj Charles Harris, Air Command and Staff College*

***Fiscal Year 2003 (Papers not available until November 2003)***

- What was the National Guard Role in Response to 9-11, and What Should be Their Future Role be in Homeland Security?  
*Capt Todd E. McDowell, USAFA*
- The Worried Well: Strategies for OCONUS and CONUS Installation Commanders  
*Dr. Frances Pilch, USAFA*

## AIR AND SPACE ISSUES AND PLANNING

### RECENT PROJECTS

#### *Fiscal Year 2000*

- Constraints, Restraints, and the Role of Aerospace Power in the 21<sup>st</sup> Century [E, R]  
*Lt Col Jeffrey K. Beene, National Defense Fellow, The Atlantic Council of the United States*  
(Published as INSS Occasional Paper #38, April 2001)
- The "Space" of Aerospace Power: Why and How [E, R]  
*Lt Col Gregory Billman, National Defense Fellow, University of Pittsburgh*
- Off We go Into the Wild Black Yonder: Hypersonic and Transatmospheric Vehicles in the Air Force [E]  
*Lt Col Clayton K.S. Chun, USAFA*
- "Effecting" Peace: Effects-Based Targeting for Peace Enforcement Operations [E, R]  
*Maj Kevin J. Cole, Air Command and Staff College*
- Reform the Pre-Commissioning Foundation [E]  
*Col Thomas Drohan, USAFA*
- The Politics of the Air Campaign: A Troubled Marriage [E, R]  
*Maj Ellwood "Skip" P. Hinman, IV, Air Command and Staff College*
- Aerospace Power in Urban Warfare: Beware the Hornet's Nest [E,R]  
*Lt Col Peter C. Hunt, and Lt Col Henry J. Fisher, Pope AFB, NC*  
(Published as "Airpower's Political-Military Gap," by *Strategic Review*, Fall 2000)  
(Published as INSS Occasional Paper #39, May 2001)
- Effects-Based Air Campaign Planning: The Diplomatic Way to Solve Airpower's Role in the 21<sup>st</sup> Century [E, R]  
*Lt Col H. D. Polumbo, Jr., National Defense Fellow, Georgetown University*
- Professional Identity and the Future of the Air Force: Revitalizing Military Education [E]  
*Lt Col Bill Rhodes, USAFA*
- Slumlords: Aerospace Power in Urban Fights [E, R]  
*Capt Troy Thomas, USAFA*  
(Published in *Aerospace Power Journal*)
- Making the Expeditionary Air Force Work - Now [E, R]  
*Lt Col William Travnick, National Defense Fellow, Institute for National Security Studies*
- Compare and Contrast Formation of Independent USAF with the Potential for an Independent Space Force

*Maj Nancy G. Holt, Air Command and Staff College*

- Space-Related Arms Control and Regulation to 2015: Precedents and Prospects [E]  
*Lt Col Peter L. Hays, School of Advanced Airpower Studies*  
(Published as INSS Occasional Paper #42, AU Press, 2002)
- The Enigma of Organizing 21st Century Orbital-Space Forces [E]  
*Lt Col (S) Mickey Quintrall, MacDill AFB, FL*  
(Published in *National Security Studies Quarterly*)
- Shot in the Dark: Protecting America's Space Commerce [E, R]  
*Col (S) Michael A. Rampino, Olin Institute for Strategic Studies, Harvard University*
- Establishing a Commercial Reserve Imagery Fleet: Obtaining Surge Imagery Capacity From Commercial Remote Sensing Satellite Systems During Crisis  
*Maj Douglas Rider, Air Command and Staff College*
- Implications of Piloted Spacecraft on the Air Force Space Mission  
*Dr. Brian P. Self, USAFA*
- How is U.S. Space Power Jeopardized by an Adversary's Exploitation, Technological Developments, Employment and Engagement of Laser Antisatellite Weapons? [E]  
*Maj Thomas A. Summers, Air Command and Staff College*
- The Decline of US Military Space Advantages Over the Next 20 Years [E]  
*Lt Col Mark Torres, HQ USSPACECOM, Peterson AFB, CO*

#### ***Fiscal Year 2001***

- Shielding the Sword: Air Base Air Defense and the AEF [E]  
*Lt Col Thomas W. Bergeson, Langley AFB, VA*
- Slowing the Genie's Spread: Reversing Proliferation of Weapons of Mass Destruction [E]  
*Lt Col William Eliason, National Defense Fellow, Centre for International Relations, Queen's University*
- New Conventional Weapons, Reducing Reliance on a Nuclear Response Toward Aggressors [E]  
*Lt Col Gary Lane, National Defense Fellow, Fletcher School of Law, Tufts University*
- How Can the Air Reserve Component More Effectively Support the Expeditionary Aerospace Concept? [E]  
*Maj David W. Morris, Michigan Air National Guard*
- Developing Aerospace Leaders for the Twenty First Century [E]  
*Lt Col Nancy Weaver, National Defense Fellow, The RAND Corporation*
- Arms Control Implications for Military Operations in Space [E]

*Lt Col Thomas Billick, National Defense Fellow, Institute for National Security Studies*

- The Rise of Surveillance [E]  
*Lt Col James Norman, National Defense Fellow, The Mershon Center, Ohio State University*

***Fiscal Year 2002***

- Air Force Manned Spaceflight: Explaining its Absence, Assessing its Value and Suggesting a Path to a More Capable Air Force [E]  
*Lt Col Michael A. Buck (USAFR), 120 FW, Montana National Guard*
- Selling the Stars: Estimating the Economic Impact of Commercial Space [E]  
*Dr. Clayton K.S. Chun, US Army War College*
- Mentoring in the Military: Application and Evaluation of a Formal Mentoring Program [E]  
*Lt Col Jeff Jackson, USAFA*
- Combating Terrorism: A Joint Interagency Approach [E]  
*MAJ Fred Krawchuk, USA*
- Investigating the Integration of Acquired Firms in High-technology Industries: Implications for Industrial Policy [E]  
*Maj David R. King, Indiana University*
- The High Ground for Homeland Security: The Use of Space in the Fight Against Terrorism in America [E]  
*Maj S. Didi Kuo, Air Command & Staff College*
- Train Like We Fight; Fight Like We Train: Establishing the Aerospace Expeditionary Force Training Center (AEFTC) [E]  
*Lt Col Bradley Spacy, NDF, USAF Institute for National Security Studies, and Lt Col Michael I. Trapp, NDF, Harvard University (Published in Aerospace Power Journal)*
- The Air Force Officer Evaluation and Promotion System? A Search for Competent Leaders in a Fair and Objective Environment [E]  
*Lt Col Bradley A. Wayland, Minot AFB, ND*

***Fiscal Year 2003 (Papers not available until November 2003)***

- Enhancing Space Telecommunication Systems through Joint Allied Effort  
*C2C Travis Bryce, USAFA*
- Standing up NORTHCOM – Examining Defense Reorganization a Case Study on Leading Change in DoD  
*CDR Shoshana S. Chatfield, USAFA*

- Assess the Impact of Chechen Terrorism on U.S. Interests  
*Lt Col Robert Doehl, Air National Guard, Anchorage, AK*
- Joint Implementation and Defense of Japanese Space Assets  
*C2C Matthew J. Hale, USAFA*
- Determining the Proper Mix of Military Reliance Upon Commercial and Military Space Remote Sensing Systems  
*Maj Scott McLean, Maj William Nelson, Vandenberg AFB, CA, and Maj John Knight, Peterson AFB, CO*
- Doing the Right Thing: Air Strikes, Ethical Review, and the National Interest  
*Lt Col Dwight Roblyer, University of Illinois at Urbana-Champaign*

## **CASES IN REGIONAL AND EMERGING NATIONAL SECURITY ISSUES**

### **RECENT PROJECTS**

#### ***Global***

##### ***Fiscal Year 2001***

- The Politics of Vulnerability: China, Russia and US Missile Defense [E]  
*CDR Tony Kurta, USN, National Security Fellow, GPCAPT Mark Lax, RAAF, National Security Fellow, Lt Col Allan Netzer, National Defense Fellow, and Lt Col Douglas Tucker, National Defense Fellow, J. K. Kennedy School of Government, Harvard University*
- Globalized Security Reshaping America's Defense Trade Policy [E]  
*Lt Col Shannon Sullivan, National Defense Fellow, The Atlantic Council of the United States*

#### ***Western Europe***

##### ***Fiscal Year 2000***

- Slovakia and changing Concepts of Security in Europe [E, R]  
*Dr. Charles Krupnick, USAFA, and Maj Carol Atkinson, Air Command and Staff College*
- International Armaments Cooperation – A Hidden Gold Mine but Tough To Do [E]  
*Lt Col Stan L. VanderWerf, MacDill AFB, FL*
- The Vital Piece: US Military Presence in the Balkans [E, R]  
*Capt Michael C. Veneri, USAFA*

##### ***Fiscal Year 2001***

- Economic and Military Contributions of the Neutral Countries to the European Common Foreign and Security Policy [E]  
*C2C Daniel Magruder, USAFA, and Dr. Charles Krupnick, USAFA*
- Implications for the United States of the EU's Emerging Role in European Security Problems: The British and Germans [E]  
*Dr. Gale Mattox, U.S. Naval Academy*
- The European Union's Emerging Military Capability [E,R]  
*Maj Johan Tornqvist, Swedish International Student, Air Command and Staff College*

##### ***Fiscal Year 2003 (Papers not available until November 2003)***

- European Union Rapid Reaction Force  
*Lt Col Brian Duddy, U.S. Mission to NATO, Brussels, Belgium*

#### ***Eastern Europe***



### ***Fiscal Year 2000***

- Improving US-Russian Relations Through Peacekeeping Operations [E, R]  
*2Lt Beth Crimmel and 2Lt Jeremy Saunders, JFK School of Government, Harvard University*  
(Published as INSS Occasional Paper #40, June 2001)
- The Balkans Stability Pact - One Year Later [E, R]  
*Capt Richard Dabrowski, USAFA*
- U.S. Policy Towards Secession in the Balkans and Effectiveness of "De Facto" Partition [E, R]  
*Dr. Evelyn Farkas, Marine Corps Command and Staff College*  
(Published as INSS Occasional Paper #40, June 2001)
- A Grand Illusion: United Nations Reform [E, R]  
*Maj Gregory P. Giletti, Air Command and Staff College*
- The Common European Security and Defense Policy (ESDP) [E, R]  
*LCDR Ed Gunning, Senior Fellow, The Atlantic Council*  
(Published as INSS Occasional Paper #41, July 2001)
- Lithuania as a Possible NATO Member  
*C2C Zane Holscher, USAFA*
- Economic Contributors to WMD Proliferation in the Former Soviet Union [E]  
*C2C Omar A. Kadri and C2C Wesley W. Millard, USAFA*
- Unrest and Instability in Southeastern Europe: Cold War Insights for the 21st Century [E, R]  
*Lt Col Jim Marchio, National Defense Fellow, University of Illinois*
- The Impact of the Balkan Wars on NATO's Viability [E, R]  
*Dr. R. Craig Nation and Dr. Marybeth Ulrich, U.S. Army War College*

### ***Fiscal Year 2001***

- Analyze Ukrainian Nationalism and Its Effects on Eastern European Security  
*C2C Andrew Gilmer, USAFA*
- Perceptions of Eastern European Security  
*LTC Marcus Kuiper, Army Fellow, Atlantic Council of the United States*
- The Russian Oligarchs: Necessary Evil or Fatal Virus?  
*Capt Richard Lesan, USAFA*
- Russian National Security Policy [E]  
*Dr. R. Craig Nation, U.S. Army War College*

- The European Security and Defense Identity Explained: Why the US Should Support It [E]

*Maj Patrick Sullivan, Air Command and Staff College*

- Developing Mature National Security Systems in Post-Communist States: The Cases of the Czech Republic and Slovakia [E]

*Dr. Marybeth Ulrich, U.S. Army War College*

Implementing National Security Strategy in Moldova: An Assessment of DOD's Cooperative Threat Reduction Program [E]

*John A. Webster, USAFA*

### ***Fiscal Year 2002***

- Whither the United Nations? The Choice is Ours [E]

*MAJ Susan Bryant, Department of State*

### ***Fiscal Year 2003 (Papers not available until November 2003)***

- Sharing Hegemony: The Future of Transatlantic Security

*CPT Christina Guthrie, US Military Academy*

- Eastern Europe's Rise From the Ashes: The Fight to Restore Environments Devastated by Forty Years of Soviet Occupation

*Lt Col James R. Thomas, Air Force Reserves, Utah*

### ***Asia and the Pacific Rim***

### ***Fiscal Year 2002***

- India's Emerging Security Doctrine and Defense Capabilities [E]

*Dr. Stephen Burgess, Air War College*

Possibilities for an Asia-Pacific Research and Technology Organization [E]

*Lt Col Mark Nowack, AFOSR, Japan*

### ***Middle East***

### ***Fiscal Year 2000***

- Qatar's Foreign Policy: The Quest for National Security and Territorial Integrity [E]

*Dr. Jacob Abadi, USAFA*

- Turkish-Israeli Political-Military Cooperation: Future Security Implications for the United States

*C2C Diane Maye, USAFA*

- U.S. Military Presence in the Gulf: Challenges and Prospects

*Dr. Sami Hajjar, U.S. Army War College*

*(Strategic Studies Institute monograph, March 2002)*

### ***Fiscal Year 2001***

- US Military and Economic Security Implications from OPEC's Ability to Control Production Levels Thereby Maintaining Elevated Oil Prices and a Proposed Change in Policy to Minimize Possible National Security Risks  
*2Lt Jonathan Davis, Dyess AFB, TX*
- Expanding Security Eastward: NATO Military Engagement in the South Caucasus and Central Asia [E]  
*Lt Col James DeTemple, National Defense Fellow, Boston University*
- Providing Comfort in Iraq: A Humanitarian Justification for Managing Coalition Insecurity [E]  
*Capt Patrick H. Donley, USAFA*
- Analysis of Improved Saudi-Iranian Relations  
*Capt Charles McLean, Naval Postgraduate School*

### ***Fiscal Year 2002***

- Arab World View of the US: How it Affects the US Security Role in the Middle East [E,R]  
*Maj Michael B. Meyer, Air Command and Staff College*
- Arab World View of the United States: How it Affects the US Security in the Middle East [E]  
*Maj Brent Talbot, USAFA*

### ***Fiscal Year 2003 (Papers not available until November 2003)***

- Power Projection Capabilities and the United States National Security Strategy  
*CPT Michael Arnold, US Military Academy*
- US Peacekeeping and the Palestinian-Israeli Conflict  
*Professor Ruth Beitler, and MAJ Joanne Moore, US Military Academy*
- Countering the Growth of Radical Islam Terrorism: Policy Options for America  
*Lt Col Scott Cottrell, USMC, CDR James Kruse, USN and LTC Richard Thomas, USA, Harvard University*
- Peacekeeping Operations in Israel/Palestine  
*Maj James Garcia and Capt Deborah Dusek, AFROTC Det 752, Wilkes-Barre, PA*
- Paved with Good Intentions: The Failure of American Policy Towards Iraq  
*Lt Col Mark McAlpine, USAF Institute for National Security Studies*
- The Pitfalls of Peacekeeping Operations in Israel/Palestine  
*Lt Col Jeffrey S. Swoyer, Scott AFB, IL*

## ***East Asia***

### ***Fiscal Year 2000***

- China and North Korea: Evolution of an Alliance [E]  
*Capt Eric Anderson, USAFA*
- U.S. Policy in the South China Sea: Creative and Subtle Approaches [E, R]  
*CPT Eric A. Barto, University of Pittsburgh*
- Assess Capability of each Central Asian State to Provide for Internal &/or Regional Humanitarian Assistance Operations  
*Maj Richard Stephens, Air Command and Staff College*
- To Construct a Boogieman: A Look at Chinese Activities in Burma During the 1990s [E]  
*MAJ John E.B. Stewart, Naval Postgraduate School*
- Beneath the Winds: US National Security Interests in the South China Sea  
*Capt Troy Thomas, USAFA, and C2C Paul Morris, USAFA*

### ***Fiscal Year 2001***

- The ASEAN Regional Forum and US National Security Policy [E]  
*Dr. William Berry, Jr, USAFA*
- Beyond the Sunshine Policy: An Argument in Favor of Continued U.S. Military Presence in Northeast Asia [E]  
*CPT Susan F. Bryant, U.S. Military Academy*
- Lords of the Silk Route: Violent Non-State Actors in Central Asia [E]  
*Maj Steve Kiser, USAFA, and Capt Troy Thomas, USAFA*  
(Published as INSS Occasional Paper #43, May 2002)
- Future of U.S. Forward Military Presence in Northeast Asia  
*LTC Jay Parker, U.S. Military Academy*
- Economic Ramifications of a Korea Reunification: Modeling Through History [E]  
*CIC Susan Woo, U.S. Military Academy*

### ***Fiscal Year 2002***

- The ASEAN Regional Forum and U.S. National Security Policy [E]  
*Dr. William E. Berry, Jr., USAFA*
- Policymakers and Strategists [E]  
*Col Thomas A. Drohan, USAFA*
- The Affect of Japan's new Refueler on the Alliance Strategies and Security Relationships Within East Asia [E]  
*C2C Ryan R. Jodoi, USAFA*

- Japanese Response to Terrorism: Ramifications of Realigning Japan's Defense Forces to Combat Terrorism [E]  
*C2C Kaly McKenna, USAFA*
- The PLA and the Changing Security Environment [E]  
*MAJ Christopher Pultz, US Military Academy*
- "Turning Sticks into Carrots" A Survey of U.S. Foreign Military Sales in Strategic Asia: The Potential of Arms Sales-Based Security Stratagems [E]  
*MAJ Isaiah Wilson, III, Army Command and General Staff College*

***Fiscal Year 2003 (Papers not available until November 2003)***

- The Dragon Looks South: Chinese Assessments of South Asian Security Since 11 September 2001  
*Dr. Andrew Scobell, U.S. Army War College*
- Emerging Security Relationships in East Asia  
*MAJ Isaiah Wilson, III, Ft. Leavenworth, KS*

***Africa***

***Fiscal Year 2000***

- Expeditionary Air Operations in Africa: Challenges and Solutions [E]  
*Maj Karen U. Kwiatkowski, HQ USAF*

***Fiscal Year 2003 (Papers not available until November 2003)***

- The Potential for Islamic Fundamentalist Movement to Radicalize in Sub-Saharan Africa  
*Capt Maurizio Calabrese, Naval Postgraduate School*
- How to We make Progress in the War on Terror While Securing US National Interests Specific to Southwestern Africa?  
*CPT Matthew Sousa, US Military Academy*

***Latin America***

***Fiscal Year 2001***

- From Authoritarian to Democratic Regimes: The New Role of Security Intelligence [E]  
*Ana Margarita Chavez Escobar, Naval Postgraduate School*
- A New U.S. Strategy for the Americas  
*COL Joseph Nunez, U.S. Army War College*

***Emerging Issues***

***Fiscal Year 2002***

- Toward Effective Counterproliferation Policy [E]  
*MAJ John Basso and Capt Reid Sawyer, US Military Academy*

- Egypt as a Failing State: Implications for U.S. National Security [E]  
*Professor Ruth Margolies Beitler, and Lt Col Cindy Jebb, US Military Academy*
- Epidemics Don't Cause Wars, but They Can End 'Em [E]  
*LCDR Matthew A. Carlberg, Naval War College*
- The U.S. Military and Capacity Building in Latin America: A Bolivian Case Study [E]  
*Lt Col Howard G. Jones, III, McGuire AFB, NJ*
- Developing a New Homeland Defense Indications and Warning Intelligence Analytical Cell [E]  
*Lt Col Kenneth A. Luikart, Georgia Air National Guard*

***Fiscal Year 2003 (Papers not available until November 2003)***

- Religious Elites as an Influence on Ethnic Violence in Transition States  
*MAJ Blair Harms, US Military Academy*
- Transatlantic Security: What is the Future of NATO and ESDI In Light of the War on Terrorism?  
*Lt Col Robert Hopkins, Harvard University*
- Egypt as a Failing State: Implications for US National Security  
*LTC Cindy Jebb, US Military Academy*
- Transition from Military Operations to Civil Governance  
*LTC Richard Lacquement, Jr, Naval War College*
- Investigation of the Interaction Between the International Drug Trade and Terrorism  
*Capt Brett L. Mers, USAFA*
- Economic, Military, and Political Power  
*Dr. David Sacko, USAFA*
- How Can the US Best Shape the Government of Post-Saddam Iraq?  
*Dr. Brent Talbot, USAFA, and Capt Jodi Vittori, USAFA*

***Environmental Issues***

***Fiscal Year 2000***

- Poland's Transnational River  
*LTC James B. Dalton, University of Minnesota*
- Environmental Security's Value in Shaping the Global Security Environment  
*Dr. Gregory D. Foster, Industrial College of the Armed Forces*

- Force Protection: A Need for Greater Synergy [E, R]  
*Lt Col Gail M. Gilbert, National Defense Fellow, University of Miami*
- Making the Case for Intelligence Community Monitoring and Assessment of the Environment [E, R]  
*Capt Stephen Kiser, USAFA (also available at <http://ecsp.si.edu/PDF/eb-specialreports.pdf> as "Environmental Change and Security Project Report")*
- Green Construction: Efficient Design for Military Facilities [E, R]  
*Professor Todd R. Sheller, Air National Guard, California State University*
- Existing and Future Aviation Acquisition Losses Due to Environmental Factors [E, R]  
*2Lt Todd L. Strawser, Elmendorf AFB, AK*
- Hydropolitics of the Nile-Prologue to Regional Conflict?  
*Capt Timothy Uecker, USAFA*

#### ***Fiscal Year 2001***

- A Resource, Technology and Security Paradigm for Modern Japan [E]  
*C2C Margaret Kucia, USAFA*
- Defining and Coping with Wicked Problems: The Case of Fort Ord Building Removal [E,R]  
*Maj David Luckey, USMC and LT Kevin Schultz, USN, Naval Postgraduate School*
- Sustainable Design and Construction: Effective Implementation [E]  
*Lt Col James E. Reed, USAFR*

#### ***Fiscal Year 2003 (Papers not available until November 2003)***

- Natural Resources and Latin American Violence: The Colombian Case  
*Dr. Geoffrey Demarest, Ft. Leavenworth, KS*
- Environmental Security Education  
*COL Wendell King, US Military Academy*

## INFORMATION OPERATIONS AND INFORMATION WARFARE

### RECENT PROJECTS

#### *Fiscal Year 2000*

- The Development and Evolution of Presidential Decision Directive 68 (PDD-68) International Public Information (IPI) within the Clinton Administration [E,R]  
*LCDR Edwin L. Armistead, Armed Forces Staff College*
- Evaluating Air Force Information Warfare Doctrine and Practice During Operation Allie Force [E]  
*Capt Frederick L. Baier, Air Force Doctrine Center, Maxwell AFB, AL*
- Vectoring Offensive IW at the Tactical level of Operations [E]  
*Capt Sheila G. Bennett, AFIT Dept. of Systems & Engineering Management*
- The Art of Balancing Information Security and Information Sharing [E, R]  
*Lt Col Mike Cartney, National Defense Fellow, Harvard University*
- Decision Superiority: A Junior Officer's Practical Guide to Knowledge-Based Operations [E]  
*1Lt Thomas F. Coakley, NAF Atsugi, JA*
- The War of the Tiger and the Elephant: When the Military and the Media Collide [E, R]  
*Lt Col Thomas R. O'Boyle, National Defense Fellow, Naval Postgraduate School*
- From Risk Aversion to Risk Management: How Information Technologies are Transforming Deterrence [E,R]  
*Mr. Timothy L. Thomas, Foreign Military Studies Office, Ft. Leavenworth, KS*
- "Policekeeping" and Information-Based Technologies [E]  
*Mr. Timothy L. Thomas, Foreign Military Studies Office, Ft. Leavenworth, KS*
- Making the Move: An Analysis of the Feasibility of Transferring Information Warfare Responsibilities to the Air National Guard and Air Force Reserves [E]  
*Lt Col Glenn Zimmerman, Kansas Air National Guard*

#### *Fiscal Year 2001*

- Fall from Glory: The Demise of USIA and the Evolution of Public Information Organizations with the United States Government [E]  
*LCDR Edwin Armistead, Armed Forces Staff College*  
(Published in the *Journal of Information Warfare*)
- Information Warfare Across the Taiwan Strait [E,R]  
*Dr. Paul Bolt, USAFA, Carl N. Brenner, Georgetown University*  
(Published in the *Journal of Contemporary China*)



- Through a Glass, Darkly: Innovation and Transformation in the Twenty-First Century Air Force  
*Lt Col Christian Daehnick, National Defense Fellow, Security Studies Program, Massachusetts Institute of Technology*
- Battle Damage Assessment for Cyberwar [E]  
*Lt Col Donald Hudson, National Defense Fellow, The RAND Corporation*
- Cooperative Approaches to Security in Cyberspace [E]  
*Lt Col Greg Rattray, 23rd Information Operations Squadron*  
(Published as chapter in *Arms Control: Cooperative Security in a Changing Environment*, 2002)
- Information Operations: Lessons Drawn from the U.S. Space Program [E]  
*Dr. Thomas Ward, USAFA, and C1C Gerald Ferdinand, USAFA*
- What are the Implications of Arms Control in the Information Warfare (IW) Realm?  
*Timothy Thomas, Foreign Military Studies Office, Ft. Leavenworth, KS*
- The Role of Open Source Information in Support of American Warfighters [E]  
*Robert Waller, Foreign Military Studies Office, Ft. Leavenworth, KS*

### ***DOCTRINE, DEFINITIONS AND CONCEPTUAL ISSUES***

#### ***Fiscal Year 2002***

- Plays Well With Others: Enhancing DoD's Role in Protecting the National Information Infrastructure [E]  
*Lt Col William Durall, NDF, Queen's University, Ontario, Canada*
- Old Rules – New Threats: The Evolution of the ***Jus ad Bellum*** in a World of Offensive Information Operations [E]  
*Capt Darren Huskisson, USAFA*

#### ***Fiscal Year 2003 (Papers not available until November 2003)***

- Transformation and the Changing Role of the Department of Defense in Protecting America's Cyberspace  
*Lt Col Sean Patrick, Harvard University*
- Cyberwarfare and Deterrence  
*Lt Col Gregory Rattray, National Security Council, Washington, DC*
- IO and the EP-3 Incident  
*Maj Rusty Shughart, Defense Intelligence Agency*

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- Back to the Future: The Expanding Role of Strategic Communications within the Bush Administration [E, R]  
*LCDR Edwin Armistead, IA Team Lead, Task Force Web*
- Information Operations in an Allied Environment: Making Room for COTS [E]  
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- Centers of Gravity in Adversary Information Infrastructures [E,R]  
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- Effect of International Media on US Military Operations and on IW/IO Planning  
*LCDR Edwin Armistead, Task Force Web, Virginia Beach, VA*
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